

**DECLARATION
Utility Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **MICROSTRUCTURE APPARATUS AND METHOD FOR SEPARATING DIFFERENTLY CHARGED MOLECULES USING AN APPLIED ELECTRIC FIELD** the specification of which

(Check One)

☒
☐

is attached hereto OR
was filed on _____ as United States Application Serial No. not yet assigned
or PCT International Application No. _____ and was amended on _____ (if
applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Date of Filing	Priority Claimed	
			Yes	No

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

201	FULL NAME OF INVENTOR	FIRST Name SHILA	MIDDLE Initial	LAST Name JALALI	
	RESIDENCE & CITIZENSHIP	City San Diego	State or Foreign Country California	Country of Citizenship USA	
	POST OFFICE ADDRESS	8510 Costa Verde Blvd..	City San Diego	State or Country California	Zip Code 92122
INVENTOR'S SIGNATURE <u>Shila Jalali</u> DATE <u>11/16/00</u>					

202	FULL NAME OF INVENTOR	FIRST Name ALAN	MIDDLE Initial	LAST Name HARPER	
	RESIDENCE & CITIZENSHIP	City Jamul	State or Foreign Country California	Country of Citizenship USA	
	POST OFFICE ADDRESS	13969 Wanda Way	City Jamul	State or Country California	Zip Code 91935
INVENTOR'S SIGNATURE <u>Alan Harper</u> DATE <u>11/15/00</u>					

203	FULL NAME OF INVENTOR	FIRST Name MATT	MIDDLE Initial	LAST Name SIMPSON	
	RESIDENCE & CITIZENSHIP	City San Diego	State or Foreign Country California	Country of Citizenship USA	
	POST OFFICE ADDRESS	10173 Camino Ruiz, #92	City San Diego	State or Country California	Zip Code 92126
INVENTOR'S SIGNATURE <u>Matt Simpson</u> DATE <u>11/16/00</u>					

204	FULL NAME OF INVENTOR	FIRST Name PAUL	MIDDLE Initial	LAST Name SWANSON	
	RESIDENCE & CITIZENSHIP	City Santee	State or Foreign Country California	Country of Citizenship USA	
	POST OFFICE ADDRESS	10854 Susie Lane	City Santee	State or Country California	Zip Code 92071
INVENTOR'S SIGNATURE <u>Paul Swanson</u> DATE <u>11/14/2000</u>					

205	FULL NAME OF INVENTOR	FIRST Name JOHN	MIDDLE Initial R.	LAST Name HAVENS	
	RESIDENCE & CITIZENSHIP	City San Diego	State or Foreign Country California	Country of Citizenship USA	
	POST OFFICE ADDRESS	5628 Lamas Street	City San Diego	State or Country California	Zip Code 92122
INVENTOR'S SIGNATURE <u>John R. Havens</u> DATE <u>11/15/00</u>					

003211 6064260

POWER OF ATTORNEY
By Assignee

NANOGEN, INC., assignee(s) of the application for United States Letters Patent for an improvement in

MICROSTRUCTURE APPARATUS AND METHOD FOR SEPARATING DIFFERENTLY CHARGED MOLECULES USING AN APPLIED ELECTRIC FIELD

by SHILA JALALI, ALAN HARPER, MATT SIMPSON, PAUL SWANSON, AND JOHN HAVENS

the specification of which:

☒ is filed herewith, OR
☐ was filed on _____, having U.S. Patent Application Serial No. _____,

does hereby appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, all of the registered practitioners identified by Customer Number 22249:



22249
PATENT
TRADEMARK
OFFICE

LYON & LYON LLP
Suite 4700
633 W. Fifth Street
Los Angeles, CA 90071
(213) 489-1600

Please send all correspondence to the attention of David B. Murphy or Patrick S. Eagleman, at the above Customer Number, and direct all telephone calls to **David B. Murphy or Patrick S. Eagleman.**

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent application identified above from the inventor(s) to the assignee(s), which:

☒ is filed for recordation herewith; or
☐ was recorded at Reel _____, Frame _____; or
☐ has been sent for recordation under separate cover, copy attached herewith.

To the best of the undersigned's knowledge and belief, title is in the assignee(s) identified above. Furthermore, the undersigned is empowered to sign this document on behalf of the assignee(s).

Full Name of Assignee: NANOGEN, INC.	
Post Office Address: 10398 Pacific Center Court, San Diego, California 92121	
Signature of Declarant or Assignee: <i>Vera Pardee</i>	Date: <i>11/15/00</i>
Full Name of Declarant	
If Other Than Assignee: Vera P. Pardee	
Title of Declarant: Vice President, Assistant General Counsel, and Assistant Secretary	
Address of Declarant: 10398 Pacific Center Court, San Diego, California 92121	

00827" 6064260